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April 7th.

ISAAC LEA, LL.D., in the Chair.

Thirty-one members present.

The following was presented for publication: "Description of Sixteen new species of *Unio* of the United States." By Isaac Lea.

April 14th.

MR. VAUX, Vice President, in the Chair.

Twenty-nine members present.

April 21st.

MR. VAUX, Vice-President, in the Chair.

Twenty-four members present.

The following was presented for publication:

"Notes on some singular species of *Unio*." By Isaac Lea.

A letter from Mr. A. R. Roessler, dated Washington, April 18, was read, stating that he had examined a specimen of tin stone, from the vicinity of Ironton, Mo., and had found it to contain a "very favorable percentage of metal."

Dr. Genth remarked that he had examined specimens of the best tin ore of Missouri, and found that they contained only six pounds of tin to the ton of ore.

April 28th.

MR. JOS. JEANES in the Chair.

Forty-three members present.

The resignation of Mr. Samuel Jeanes, as a member of the Academy, was read and accepted.

The death of Mr. Isaac Barton was announced.

The following gentlemen were elected members: Dr. H. C. Chapman, Mr. Charles Wilson Peale, Mr. Benj. Bullock, Mr. Thos. Webster, and Dr. E. Dyer.

Dr. T. H. Turner, U.S.A., was elected a correspondent.

On favorable report of the committees, the following papers were ordered to be published:

On a New MINERAL in CRYOLITE.

BY THEO. D. RAND.

This mineral, for which I propose the name Ivigtite, from its locality, was first observed in 1866, but only recently has been obtained in sufficient quantity for examination.

It occurs disseminated in films and seams through massive cryolite—sometimes forming a coating between crystals of carbonate of iron and the cryolite in which the carbonate is imbedded. Color pale yellowish-green, some-

[April,